

# KENTUCKY WELL WATER BACTERIAL REPORT

THIS FORM IS FOR USE IN REPORTING RESULTS REQUIRED FOR KRS 223.400-223.460 AND 223.991, THE KENTUCKY WATER WELL CONSTRUCTION PRACTICES AND STANDARDS ACT. THIS FORM IS NOT FOR USE IN REPORTING TEST RESULTS FOR PUBLIC WATER SUPPLIES REQUIRED BY THE SAFE DRINKING WATER ACT.

1. 8-DIGIT WELL  
ID NUMBER:

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2. SAMPLE LOCATION (WELL OWNER NAME & ADDRESS):

Name		
Address		
City	State	Zip

5. NAME & ADDRESS OF LABORATORY:

Name		
Address		
City	State	Zip

3. SAMPLE COLLECTION DATE: \_\_\_\_\_

TIME: \_\_\_\_\_ ☐ AM ☐ PM

6. SAMPLE RECEIVED DATE: \_\_\_\_\_

TIME: \_\_\_\_\_ ☐ AM ☐ PM

4. SAMPLE COLLECTED BY:

7. SIGNATURE OF ANALYST:

8. SAMPLE RESULTS (Only the boxes checked apply to your well)

## TOTAL COLIFORM ANALYSIS

- ☐ 0 or <1 col/100ml Your water test indicated no total coliform bacteria were present.
- ☐ \_\_\_\_\_ col/100ml Your water test indicated total coliform bacteria were present. The recommended water quality standard for total coliform bacteria is less than one colony per 100 ml (<1 col/100ml). Counts above this level indicate an unsanitary condition in your well or water supply system at the time the sample was collected. A POTENTIAL HEALTH RISK DOES EXIST. Disinfection and resampling are advised.
- ☐ TNTC or CONFLUENT GROWTH WITH SHEEN Your water test indicated total coliform bacteria in your well were confluent or too numerous to count. This indicates an unsanitary condition in your well or water supply system. A POTENTIAL HEALTH RISK DOES EXIST. Disinfection and resampling are advised.
- ☐ TNTC or CONFLUENT GROWTH WITHOUT SHEEN Your water test indicated bacteria were present. The types of bacteria were not determined. Growth of coliform bacteria could be hidden by other bacteria. This may indicate an unsanitary condition in your well or water supply system. A POTENTIAL HEALTH RISK DOES EXIST. Disinfection and resampling are advised.

## FECAL COLIFORM ANALYSIS

- ☐ 0 or <1 col/100ml Your water test indicated no fecal coliform bacteria were present.
- ☐ \_\_\_\_\_ col/100ml Your water test indicated fecal coliform bacteria were present. The recommended water quality standard for fecal coliform bacteria is less than one colony per 100 ml (<1 col/100ml). Counts above this level indicate an unsanitary condition in your well or water supply system at the time the sample was collected. A POTENTIAL HEALTH RISK DOES EXIST. Disinfection and resampling are advised.
- ☐ TNTC or CONFLUENT GROWTH Your water test indicated fecal coliform bacteria in your well were confluent or too numerous to count. This indicates an unsanitary condition in your well or water supply system. A POTENTIAL HEALTH RISK DOES EXIST. Disinfection and resampling are advised.

## FECAL COLIFORM PRESENCE/ABSENCE TEST

- ☐ PRESENT Your water test for total coliform indicated the presence of one or more colonies per 100 ml (see above). Therefore, a test for the presence or absence of fecal coliform was required. If the result of this test indicates fecal coliform are present, there may be an unsanitary condition in your well or water supply system. A POTENTIAL HEALTH RISK DOES EXIST. Disinfection and resampling are advised.
- ☐ ABSENT

9. COMMENTS

If your water test indicated the presence of bacteria, disinfection and resampling for fecal or total coliform bacteria are recommended. You may disinfect your own well or contact a certified water well driller for this service. A Handbook for the Kentucky Water Well User, available free of charge from a certified water well driller, the Kentucky Division of Water, or your local health department, gives instructions for disinfecting wells. After disinfection, the water in your well should be retested. If the test results still show contamination, a water treatment system or modification of your well should be considered. For more information, contact the Groundwater Branch of the Division of Water at the address and phone number shown below.

Kentucky Division of Water, Groundwater Branch  
Frankfort Office Park, 14 Reilly Road, Frankfort, KY 40601  
(502)564-3410

DEP 2012

One copy to DOW, one copy to owner, one copy to driller, one copy to lab